

### Fire Alarm Device Schedule

| Description                                | Manufacturer | Model | Count |
|--------------------------------------------|--------------|-------|-------|
| Fire Alarm Interface                       |              |       | 3     |
| Heat Detector                              |              |       | 1     |
| Heat Detector with Sounder                 |              |       | 1     |
| Red Break Glass Unit                       |              |       | 5     |
| Smoke Detector                             |              |       | 2     |
| Smoke Detector with Sounder                |              |       | 14    |
| Wall Mounted Fire Alarm Sounder and Strobe |              |       | 1     |
| Yellow Break Glass Unit                    |              |       | 1     |

### General Notes:

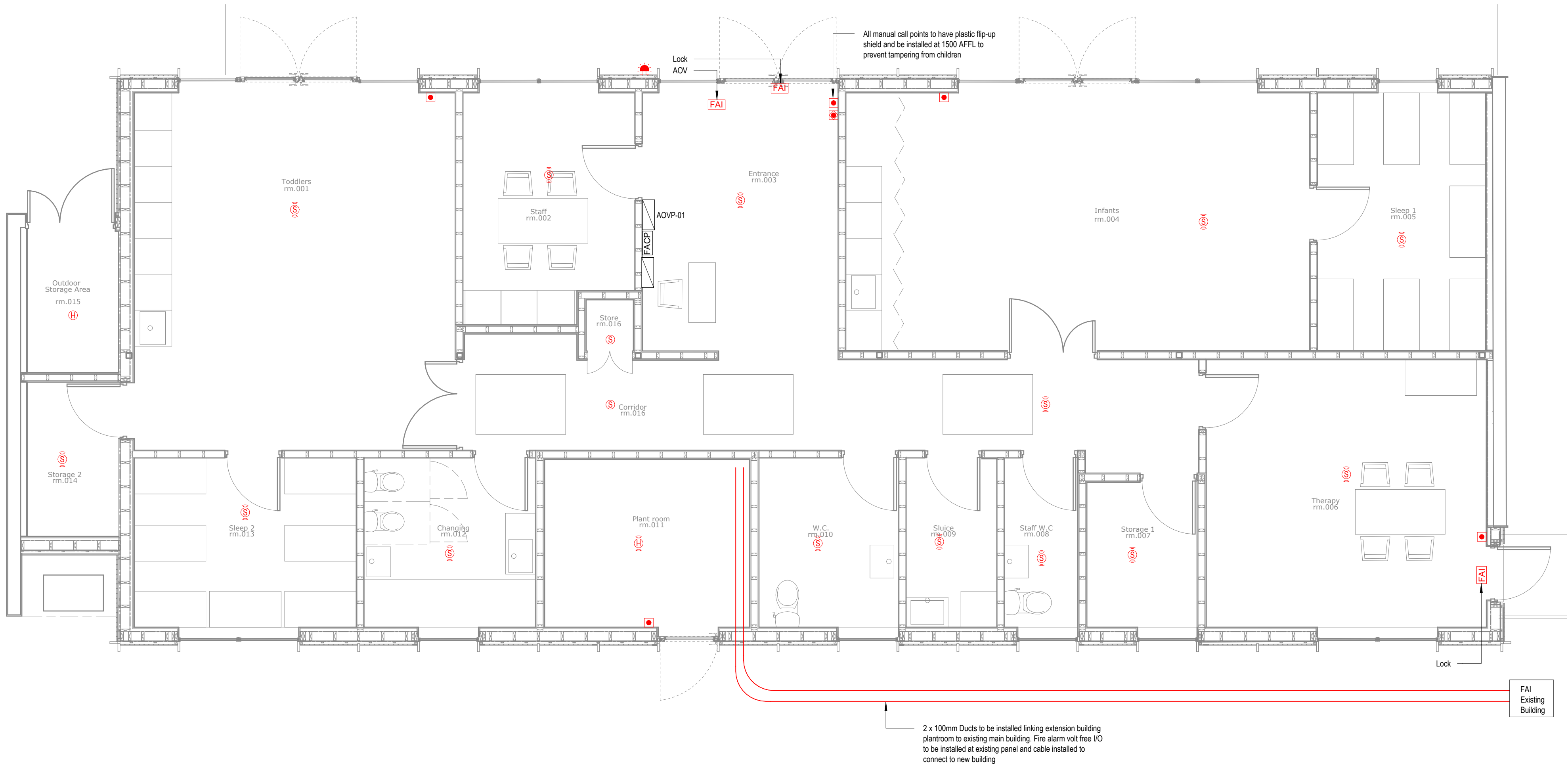
- This drawing is to be read in conjunction with all relevant Architect's and Structural Engineer's Construction issued drawings, Fire Certificate and Fire Drawings, along with the consultants Mechanical and Electrical specifications and any other documentation.
- Do not scale from this drawings.
- This drawing is representative only. All dimensions are in millimeters (mm), unless otherwise stated. Use the figured dimensions when shown.
- The exact location of all services and fittings to be agreed on site with the Architect and/or Structural Engineer prior to their installation.
- The Mechanical and Electrical Services are to be coordinated with all other trades and to be agreed on site prior to their installation. The contractor shall allow for the setting out and installation around all obstructions. Additional costs incurred by the contractor due to the lack of coordination will not be entertained.
- Connections to all equipment to be made by the contractor.
- Any discrepancies between this drawing and on site conditions must be reported to Renaissance Engineering LTD. immediately. Any changes from this design drawing must be agreed with the Engineer in writing. A failure to gain this approval could lead to difficulty in approving payment for the variation(s).
- Installation / Construction / As-Built Drawings to be prepared by the Mechanical/Electrical Contractor with reference to the latest Architect's and Structural Engineer's construction issue drawings and fire certificate drawings.
- All Electrical works to comply with the National Rules for Electrical Installations, 5th Edition IS 10101:2020.
- All Mechanical and Electrical works to comply with the current Building Regulations.

### Fire Alarm Services Notes:

- Fire alarm devices to be wired in accordance with I.S. 3218:2013+A1:2019. Cables shall be clipped using stainless steel clips spaced as per manufacturers recommendation.
- Electrical services installation to comply with National Rules of Installation IS:10101.
- Fire alarm installation to comply with I.S. 3218:2013+A1:2019.
- Fire alarm system wiring 1.5mm<sup>2</sup> 2hr fire rated (PH120), surface clipped, concealed where possible. Dedicated power supply 2 x 2.5mm<sup>2</sup> 2hr fire rated (PH120). Protection 10A MCB, colour coded red, labeled "FIRE ALARM - DO NOT SWITCH OFF".
- Sound levels should be checked on site to ensure that 65dBA or 5dBA greater than the ambient in all areas in the building is achieved, with the exception of apartments, where sound levels at the bed head should be 75dBA. A single sounder shall not be greater than 118dB(A).

### Legend

|  |                                            |
|--|--------------------------------------------|
|  | Control Panel                              |
|  | Fire Alarm Control Panel                   |
|  | Fire Alarm Interface                       |
|  | Heat Detector                              |
|  | Heat Detector with Sounder                 |
|  | Red Break Glass Unit                       |
|  | Smoke Detector                             |
|  | Smoke Detector with Sounder                |
|  | Wall Mounted Fire Alarm Sounder and Strobe |
|  | Yellow Break Glass Unit                    |



|     |            |                      |      |        |
|-----|------------|----------------------|------|--------|
|     |            |                      |      |        |
|     |            |                      |      |        |
| P   | 2025/02/12 | Initial Revision     | A.B. | B.S.   |
| Rev | Date       | Revision Description | Dm.  | Chk'd. |

|  |                                |                                                                                                                                                                   |
|--|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
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|--|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Status Code:

**D2 - Issued for Tender**

Client:

**To Be Captured**

Architect:

**Haslam & Co Architects**

Project Name:

**Cherry Orchard Community Childcare Expansion**

Sheet Name:

**Fire Alarm Services  
Ground Floor**

Scale:

**As Indicated**

Document Number:

**24276-REN-XX-GF-DR-E-6700**

Revision:

**P**

Approved By:

Revit Filename:

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